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The ***FEMP MONTHLY UPDATE*** is prepared expressly for the Department of Energy's Office of Federal Energy Management Programs (FEMP). The purpose of the ***UPDATE*** is to provide FEMP management staff with timely information on topics relevant to the program. This includes the status of pending Federal and state legislation and summaries of public and private sector energy-related activities. The ***FEMP MONTHLY UPDATE*** is prepared for FEMP by Energetics, Incorporated, (202) 479-2748.

DOE BULLETIN BOARD

Short-Term Energy Outlook, Energy Information Administration, October 2001

According to EIA's most recent *Short-Term Energy Outlook*, U.S. homeowners should expect to see lower heating bills this winter than last winter. The main reasons EIA cites for this decrease in cost include the following:

- Decreased heating demand; assuming normal weather this winter, heating demand is expected to be about seven percent lower than last year's levels.
- Higher heating fuel inventories, natural gas, in particular.
- Lower crude oil and natural gas prices compared to last winter.

In world oil news, oil prices rose initially after the September terrorist attack, but then dropped dramatically; OPEC assured world markets that it would maintain ample supplies. The average U.S. imported crude oil price in September was approximately \$22 per barrel, about \$1.90 less per barrel than the August average price. Demand for jet fuel worldwide has dropped 10 percent outside the U.S. and by almost 20 percent within the U.S.

DOE is holding a public meeting on new products for the appliance standards and other potential products programs. The meeting will be held from 9:00 am to 4:00 pm on November 6 in Room 1E-245 of the Forrestal Building at 1000 Independence Avenue, SW, Washington, DC. For further information, contact Michael Raymond at Michael.raymond@ee.doe.gov or (202) 586-9611.

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CONGRESSIONAL ACTIVITIES

CONGRESSIONAL SCHEDULE

Congress is in session this week. Only two hearings of interest have been scheduled:

- House Committee on Energy and Commerce – MTBE
- Senate Committee on Energy and Natural Resources – Infrastructure Security

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FY 2001 APPROPRIATIONS

- ***Continuing Resolution*** On October 25, the House and Senate passed *H. J. Res. 70*, the fourth Continuing Resolution introduced this year to keep the Federal Government operational until the 13 FY 2002 appropriations bills are enacted. *H.J. Res. 69*, the third Continuing Resolution, is effective until October 31. To date, two appropriations bills have cleared Congress and are awaiting the President's Signature: Interior and Related Agencies and Military Construction.

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Conference Committee Activity Last week, House and Senate conferees completed negotiations and produced ***Conference Report 107-253 - Treasury, Postal Service, and General Government***. The House may vote on the conference report this week; no schedule for when the Senate will vote on the report has been announced. Key provisions of interest include the following:

Department of the Treasury

- **Treasury Building and Annex** - \$23.932 million for repairs, alterations, and improvements
- **Federal Law Enforcement Training Center** - \$433.434 million for expansion; acquisition of necessary additional real property and facilities; and ongoing maintenance, facility improvements, and related expenses

- **Bureau of Alcohol, Tobacco, and Firearms** - \$500,000 for retrofitting and upgrades
- **United States Customs Service** - \$5 million for repairs to Customs Service facilities and unspecified funding for the purchase of 20 non-police-type vehicles
- **United States Secret Service** – \$3.457 million for construction, repair, alteration, and improvement of facilities and unspecified funding for the rental of space in the District of Columbia

General Services Administration

- **New Construction** - \$386.28 million including \$5.4 million for Non-Prospectus Construction
- **Repairs and Alterations** - \$826.676 million including nationwide funding for the GSA Design Program (\$33.657 million); Heating, Ventilation and Air Conditioning Modernization – various buildings (\$6.650 million); Basic Repairs and Alterations (\$35.796 million); includes \$2.952 billion for rental of space and \$1.748.9 building operations
- **Sec. 408** – Provides at least \$5 million more than the amount expended during FY 2001 for the purchase of alternative fuel vehicles

National Archives and Records Administration

- **Repairs and Restoration** - \$39.132 million

HOUSE

Defense Appropriations The House may also begin considering the *FY 2002 Defense Appropriations* bill (still unnumbered) sometime this week; the bill cleared the Committee on Appropriations last week. The bill includes funding for DOD's general military construction projects. No details were available at the time this newsletter was published.

SENATE

Labor, Health and Human Services, and Education The Committee on Appropriations is expected to begin work on *S. 1536 – FY 2002 Appropriations on Labor, Health and Human Services, and Education* this week. The bill includes funding for DOL and HHS building and construction projects.

CONFERENCE NEGOTIATIONS

Conferees are expected to begin negotiations this week on FY 2002 appropriations bills:

- *H.R. 2311 /S. 1171 – Energy and Water Development*
- *H.R. 2620 /S. 1216 – Veterans' Affairs, Housing and Urban Development and Independent Agencies*

Refer to [Attachment A](#) for the chart on the status of FY 2002 appropriations bills.

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STATUS OF PENDING AUTHORIZATION BILLS OF INTEREST TO FEMP

HOUSE

Economic Security On October 12, 2001, the House Committee on Ways and Means marked up the provisions of *H.R. 3090, the Economic Security and Recovery Act of 2001*, which amends the *Internal Revenue Code of 1986* to provide tax incentives for economic recovery. The bill has been referred to the Senate Committee on Finance. The following are the key provisions of interest to FEMP as included in *House Rpt. 107-251*:

Title III – Extensions of Certain Provisions Expiring in 2001

- Two-year extension of the tax credit for qualified electric vehicles
 - Taxpayers may claim the full amount of the credit for qualified purchases made in 2002 and 2003. Under the bill, the phase-down of the credit value begins in 2004, and the credit is unavailable for purchases after December 31, 2006.
- Two-year extension of the tax credit for electricity produced from wind, closed loop biomass, and poultry litter
 - The bill extends the placed-in-service date for qualified facilities by two years to include those facilities placed in service prior to January 1, 2004.
- Extension of the deduction for qualified clean-fueled vehicle property and qualified clean-fueled vehicle refueling property; qualified electric vehicles do not qualify for the clean-fuel vehicle deduction
 - Qualified clean-fueled vehicle property includes motor vehicles that use natural gas, liquefied natural gas, liquefied petroleum gas, hydrogen, electricity, and any other fuel of at least 85 percent methanol, ethanol, any other alcohol, or ether.
 - The bill defers the phase-down of the deduction for clean-fuel vehicle property by two years. Taxpayers may claim the full amount of the deduction for qualified vehicles placed in service in 2002 and 2003. Under the House bill, the phase-down of the deduction for qualified vehicles starts in 2004. The deduction is unavailable for purchases after December 31, 2006.
 - Clean-fuel vehicle property phases down in the years 2002 through 2004 and is unavailable for purchases after December 31, 2004. The deduction for clean-fuel-vehicle refueling property is available for property placed in service before January 1, 2007.

SENATE

Comprehensive Energy Legislation The Republican and Democratic leaderships continued to address comprehensive energy legislation last week. Both bills are expected to include provisions on Corporate Average Fuel Economy Standards, ethanol production, and energy-related tax credits. Republicans, led by Senator Frank Murkowski (R/AK), Ranking Minority Member of the Committee on Energy and Natural Resources, are expected to introduce their bill this week. Committee on Energy and Natural Resources Chairman Jeff Bingaman (D/NM) emphasized that crafting the Democratic bill is complicated since several Senate committees have jurisdiction over energy legislation including his committee as well as the Committees on Finance and Commerce, Science, and Transportation. Last week, Majority Leader Tom Daschle (D/SD) said he did not expect a bill to reach the Senate floor before Thanksgiving and was not sure Congress would even be in session by late November.

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NEW LEGISLATIVE INITIATIVES OF INTEREST TO FEMP

- See [Attachment B](#) – New Legislation of Interest to FEMP

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HEARINGS OF INTEREST OF FEMP

- See [Attachment C](#) – Hearings of Interest to FEMP

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FEDERAL AGENCY ACTIVITIES

DEPARTMENT OF ENERGY

The Environmental Protection Agency (EPA) recently awarded a number of grants intended to promote energy efficiency in homes and businesses. Organizations receiving grants included the United States Green Building Council (USGBC), the Energy Efficient Building Association (EEBA), and Energy Rated Homes of America (ERHA). With the funds, the USGBC will develop a green rating system for existing buildings, EEBA will promote energy efficiency in residential homes and support its annual builder conference, and ERHA will encourage certified home-energy raters to expand their line of services beyond new homes and begin rating energy efficiency in existing homes as well. The EPA also awarded grants to the University of Maryland to study the energy efficiency of combining heating, air conditioning, and power systems in small buildings and to Iowa State University to research ways to improve energy performance in buildings. (Source: *Environment News Service*, October 5, 2001)

ENVIRONMENTAL PROTECTION AGENCY

The EPA's ENERGYSTAR® program recently launched a "Change a Light, Change the World" campaign to demonstrate to consumers across America how changing light bulbs or fixtures can save energy, money, and the environment. During the program, ENERGYSTAR® officials will work closely with retailers, manufacturers, and electric power generators to promote ENERGYSTAR®-qualified lighting products. Promotions will include sales, rebates, and other events and will vary from region to region across the United States. The program "embodies EPA's commitment to building voluntary partnerships and working to make a difference for the environment," said EPA Administrator Christine Whitman. She said that if all U.S. households installed lighting fixtures designated with the ENERGYSTAR® label, a savings of \$800 million in utility costs would be realized. For more information on the campaign, visit www.changealight.com or call 1-888-STAR-YES.

UNITED STATES POSTAL SERVICE

The U.S. Postal Service has announced the agency's interest in obtaining a **qualified energy service provider to provide cost-effective generation, transmission, and ancillary services for up to 1,326 Postal facilities located in the States of Maine, Massachusetts, Ohio, Indiana, Arizona, and Texas.** The proposed contract would include a base period of two years plus three one-year options periods beginning on January 1, 2002. The contractor would be required to supply 388,100,839 kilowatt-hours of firm power. For additional information, contact Deborah Wilcox-Loos at 860-285-7343 and refer to Solicitation Number 089480-02-A-0024.

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ATLANTA REGION

Utility/DSM Activities

The Federal Bureau of Prisons is seeking a natural gas service provider for a planned Federal Correctional Institution in Durham-Granville County, North Carolina. The agency is conducting market research to identify potential suppliers for a period of up to ten years. For additional information, contact Paula Miller at 202-307-0954.

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BOSTON REGION

No activities of interest to report.

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CHICAGO REGION

No activities of interest to report.

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DENVER REGION

Utility/DSM Activities

The Environmental Protection agency has issued a Request for Proposals for power from renewable energy sources for a facility located in Houston, Texas. The facility includes office and laboratory space with an annual energy consumption rate of about 3.2 million kilowatts per year. Estimated peak demand is 575 kilowatts with a 65 percent load factor. For additional information on announcement GS-00P-02-BSD-0001, contact Lindsey Lee at 202-501-2291.

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PHILADELPHIA REGION

No activities of interest to report.

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SEATTLE REGION

No activities of interest to report.

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STATE AND LOCAL GOVERNMENT ACTIVITIES

ATLANTA REGION

► *Status of Utility-Related Activities*

Following the State of Arkansas' decision to delay restructuring until 2003, a report was released by La Capra Associates indicating that state consumers may experience "higher, more volatile electric rates if the retail market is deregulated before October 2005." The study also claims that sufficient operating electronic systems and wholesale electric markets have not been fully developed. While Entergy, Arkansas' largest power provider, supports delaying restructuring until 2003, it does not support an effort to delay restructuring until 2005. (Source: *Arkansas Democrat-Gazette*, October 6, 2001)

While some Southern power providers, such as GridSouth, GridFlorida, and Entergy, support the creation of a Southeast RTO, the North Carolina Utilities Commission (NCUC) has expressed its opposition. NCUC argues that relegating power rights to "new entities, such as Independent Power Producers and marketers" is unfair and the "attempt must fail." Southern Company supports creating several smaller RTO's rather than one large Southeast RTO as outlined in the FERC plan. Southern Company argues that the larger RTO would require adding new transmission lines, which would result in an increase in customer bills. (Source: *Electric Power Daily*, October 11, 2001; Reuters, October 23, 2001)

Electric restructuring deliberations by the North Carolina Study Commission on the Future of Electric Service have been put on hold in the state until next year's legislative session. (Source: *High Point Enterprise*, October 1, 2001)

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BOSTON REGION

No news of interest to FEMP.

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CHICAGO REGION

► *General State Activities*

The City of Port Huron, Michigan, will soon be serviced by new natural gas-fed taxis. SEMCO Energy Gas Company will host a refueling demonstration preceeding the inauguration of the natural gas vehicles on October 18, 2001. (Source: *PR Newswire*, October 17, 2001)

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DENVER REGION

► *General State Activities*

Arizona Governor Jane Hull (R) announced that the state saved at least \$130,000 in energy costs this summer. State agencies turned thermostats up two degrees during the months of July and August as part of its “It’s No Sweat” initiative. (Source: *Arizona Republic*, October 17, 2001)

The City of Salt Lake, Utah, will soon embark on plans for new “high-performance” building standards to use in the design of city building projects. The green building standards include: occupancy sensors, recyclable carpet, and solar-powered outdoor lights. (Source: *Salt Lake Tribune*, October 10, 2001)

► *Status of Utility-Related Activities*

A variety of consumer interest groups have presented research findings to the Texas Public Utility Commission arguing that **Texas pilot utility restructuring projects have not been fully tested and the state is not ready for the January 1, 2002, market opening date.** Utilities rebutted the arguments by stating that the technical problems cited were “the type expected during any large-scale information technology implementation project.” The Electric Reliability Council of Texas argued that the citations will be worked out by the January start date. (Source: *Houston Chronicle*, October 12, 2001)

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PHILADELPHIA REGION

► *Status of Utility-Related Activities*

Virginia state lawmakers and consumers are worrying over the ramifications of 21 new power plants being built in the state. The new restructuring law does not require that companies serve their “home” state, and concern arises over the fact that the companies might export power to the Northeast where it could be sold at premium rates. Delegate Clifton Woodrum (D) commented that the new restructuring law does not “designate [power] for [Virginia] at a necessarily affordable cost.” (Source: *Washington Post*, October 15, 2001)

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SEATTLE REGION

► *General State Activities*

Governor Gray Davis (D) of California has signed into law a bill that provides a 15 percent income tax credit toward the purchase and installation of solar energy systems. The tax credit applies to purchases installed after January 1, 2001, and before January 1, 2004. The program will cost \$25 million in fiscal year 2002 and climb to \$45 million in 2004. (Source: Tax Analysts, *State Tax Notes*, October 15, 2001)

► *Status of Utility-Related Activities*

The Federal Energy Regulatory Commission is cracking down on those utilities that charged rates in excess of Federal price limits during the month of July. Eleven Western states will receive refunds

from Reliant Energy, Dynegy, Williams Cos., and Mirant. (Source: *Houston Chronicle*, October 9, 2001)

The Bay Area Economic Forum investigated the economic benefits and costs of instituting municipal utilities in the San Francisco area. Researchers found that although some municipal utilities supplied power at a lower cost than investor-owned utilities during the Western power crisis, utilities will not operate under the same market fundamentals in the future and “will face a different set of challenges.” The report warned that municipal utilities will face problems with being able to provide a portfolio mix and that regulatory uncertainty will affect a new municipal utility’s power costs. (Source: *Business Wire*, October 10, 2001)

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UTILITIES AND SUPPLIER ACTIVITIES

GENERAL ANNOUNCEMENTS

FERC Chairman Pat Wood presented a detailed agenda of issues at the September 26th meeting. Of these, **Chairman Wood proposed that transmission-owning utilities be given until December 15 to join an RTO or risk losing their “right to charge market based rates.”** The public service commissions of Maryland and Washington, DC, are wary of this initiative and the proposal to integrate the Northeast transmission network. Commissioner Wood also proposed that “a new transmission tariff would replace the pro forma open access transmission tariff established by FERC Order 888.” FERC held workshops on these and other issues on October 15-19th. (Source: *Electricity Daily*, September 27, 2001)

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ATLANTA REGION

► *Restructuring Activities*

The Tennessee Valley Authority has commissioned a large-scale power storage facility to be built in Columbus, Mississippi. The \$25 million facility will “improve power reliability and customer service, have limited environmental impact, and contribute to economic growth for consumers in Mississippi and throughout the Tennessee Valley.” The storage facility, operating on fuel cell technology developed by Regenesys Technologies Limited, will be able to store up to 120 MWh of energy for up to 10 hours. For further information, contact Joseph Govreau of Industrial Information Resources Inc. at (713) 783-5147.

► *Public Benefits Programs*

South Carolina Electric & Gas (SCE&G) will drop gas rates by 16 percent effective this November. SCE&G dropped rates because supplies for increased production last winter are now reaching the market, and milder weather this summer has allowed for a build-up in natural gas reserves to supply winter demand. (Source: *PR Newswire*, October 23, 2001)

Florida Municipal utility JEA won a national award for advances in the development of a solar community. Their efforts have included funding for a clean and renewable energy laboratory, electric installations, and the development of technician and city electrical inspector training. They also have planned a solar energy system rebate program that will boost residential and commercial installations. (Source: *Electricity Daily*, October 6, 2001)

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BOSTON REGION

► *Restructuring Activities*

Massachusetts' largest gas and electric utility, NSTAR, has asked the Massachusetts Department of Telecommunications and Energy (DTE) for approval to cut electric prices by as much as 27 percent for some customers. The utility has asked that the rate cut apply to Default Service customers (those that switched at the advent of deregulation in Massachusetts in 1998) and Standard Offer Service customers (those that retained their original electric supplier). The utility has also requested that NSTAR gas customers be given a 32 percent rate cut in natural gas prices. (Source: Reuters, October 16, 2001)

FERC is considering using the PJM Interconnection as a model for a Northeast regional transmission organization (RTO). Duke Energy representatives commented that "The PJM market-building philosophy of cautious, incremental, modular building blocks which emphasizes market-driven solutions rather than command-and-control decision and frequent market interventions has worked far better than approaches taken in either New York or New England." The representatives suggested to FERC that the governing board of the RTO "have proportional regional representation...based on the undisputed size of the combining regions." However, New England and New York ISO representatives encouraged FERC to contemplate a different solution "because using PJM as a model would ignore geographic and philosophic differences." The PJM does not currently serve a concentrated, larger load pool like Boston or New York City, and utilities participating in the PJM do not have divested generating assets. (Source: *Electric Power Daily*, October 10, 11, 12, 2001)

► *Public Benefits Programs*

Niagara Mohawk customers will soon have the option to buy green power from green power generators and marketers as a result of a settlement coordinated by the New York Public Service Commission. DTE Energy and Mechanical Technology Inc. have completed installation of 20 Plug Power fuel cell systems and are in the process of completing 21 more by the end of 2001. The proton exchange membrane fuel cells cost \$6 million and production occurred in three stages. (Source: *Electricity Daily*, October 15, 2001)

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CHICAGO REGION

► *Restructuring Activities*

At the beginning of October, Commonwealth Edison customers experienced a rate drop of six percent in the second phase of a 20 percent rate cut ordered by a 1997 State of Illinois electric deregulation law. Citizens Utility Board Executive Director Martin Cohen said of the plan, "Other states have embarked in deregulation of their electric industries, but nowhere are residential consumers saving as much money as they are in Illinois...and the lower rates we have today are locked in until 2005." The Illinois deregulation law called commercial and industrial customers to shop for alternative power suppliers in October of 1999, and residential customers may begin choice in May of 2002. (Source: *PR Newswire*, October 1, 2001)

► *Public Benefits Programs*

Consumer Energy has launched a campaign to market its "Michigan's Home Energy Connections" program, a website that includes tips on energy conservation, on-line home energy audit, and on-line energy efficiency store. The marketing effort includes a tour of the "Michigan Home Energy

Connections” PT Cruiser across Michigan and neighboring states. (Source: *PR Newswire*, October 22, 2001)

Customers of Consumer Energy may also now participate in the Green Power Pilot Program, which began on October 1. The program allows customers to buy 10, 50, or 100 percent of their energy from renewable suppliers, and customers are required to participate in the program for at least one year. To compensate for the premium cost of renewable energy, customers will be assessed a surcharge of 0.32 cents, 1.6 cents, or 3.2 cents per kilowatt hour respectively for this service. For more information, visit the Consumers Energy website at www.consumersenergy.com or call 1-800-477-5050.

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DENVER REGION

► *Restructuring Activities*

Green Mountain Energy Company has plans to develop two commercial solar facilities that will generate 100 megawatts each. The development is part of the Big Texas Sun Club, a fund supported by Green Mountain customers that supports the construction, development, and maintenance of new solar arrays. The two solar facilities will prevent 130 tons of carbon dioxide from entering the atmosphere. (Source: *PR Newswire*, October 16, 2001)

Excel Energy opened its second wind farm in Colorado on October. The \$30 million project will utilize 33 wind turbines to produce 30 megawatts of electricity. (Source: *Denver Rocky Mountain News*, October 17, 2001)

The dissolution of DesertSTAR independent system operator has spurred its member utilities to create a for-profit transmission organization in the Southwest. WestConnect will include the Arizona Public Service Company, Salt River Project, El Paso Electric, Public Service of New Mexico, Tucson Electric Power, and Texas-New Mexico Power. In order to expand its transmission network, WestConnect will work with other RTO's. Another six Midwestern utilities have sent a proposal to FERC to form a for-profit RTO. Member utilities of TRANSLink would include: Alliant Energy, Corn Belt Power Cooperative, MidAmerican Energy, Nebraska Public Power District, Xcel Energy, and Omaha Public Power District. (Source: *Electricity Daily*, October 10, 2001; *Megawatt Daily*, October 2, 2001; *Omaha World-Herald*, October 2, 2001)

Nevada Power is filing for the approval of \$900 million in increased electric rates targeted for its customers. The rate hikes would begin in April 2002 and would reflect a 30 percent increase in customer bills. Nevada power claims that \$42.7 million of the rate hike will cover an increase in operating expenses, while the rest will cover deferred peak energy costs used by customers during the energy crisis. (Source: *Electricity Daily*, October 10, 2001)

► *Public Benefits Programs*

NorthWestern Corporation is designing the Montana First Megawatts project wherein the utility will install emission-reduction technology and provide funds toward an energy conservation program for low-income families in Montana. The utility is partnering with the Montana Environmental Center to complete the project. Over 70 percent in emissions reductions will be achieved through the project. (Source: *Electricity Daily*, October 12, 2001)

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PHILADELPHIA REGION

► *Restructuring Activities*

Two new wind turbines were constructed in Somerset and Mill Run, Pennsylvania. The turbines were dedicated by Pennsylvania Governor Mark Schweiker (R) who also named the week of October 22 “Wind Energy Week” for Pennsylvania. The turbines, situated on the hills of the Allegheny Mountains, have a combined 24 megawatt output and will power over 8,000 Pennsylvania homes. Financing for the project was assisted through Pennsylvania’s Sustainable Energy Funds. (Source: *PR Newswire*, October 24)

► *Public Benefits Programs*

Dominion East Ohio recently contributed \$50,000 toward its first annual winter fuel assistance program in northeast Ohio. *EnergyShare* provides financial assistance to low-income customers for natural gas, wood, kerosene, electricity, or oil heating bills. The previous financial assistance program, “People-Helping-People Fuel Fund,” was replaced when Dominion enlarged its territory to include northeast Ohio and implemented the EnergyShare program. (Source: *Business Wire*, October 11, 2001)

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SEATTLE REGION

► *Public Benefits Programs*

Southern California Gas Company is offering limited-income customers the opportunity to repair or replace furnaces free of charge through its Direct Assistance Program. The Direct Assistance Program includes a range of other services including weatherization. In addition, the company has offered a 20 percent discount on gas bills through California’s Alternate Rates for Energy (CARE) program. Program savings may result in \$50-\$100 annually for each participant. Over 640,000 Southern California Gas Company customers have enrolled in the program. For more information, consult www.socalgas.com.

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ALTERNATIVE FUELS AND VEHICLES

GENERAL ANNOUNCEMENTS

DOE Secretary Spencer Abraham and EPA Secretary Christine Whitman unveiled the newest edition of the web-based “Fuel Economy Guide.” The website features side-by-side comparisons of up to three vehicles at a time and includes information about emissions, fuel economy, and safety information. For more information visit www.fueleconomy.gov.

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ATLANTA REGION

No news of interest to FEMP.

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BOSTON REGION

New Products and Services

The New York Power Authority (NYPA) announced a new clean commute initiative with Ford Motor Co. Known as the “NYPA Th!nk Clean Commute,” the commuter-station car demonstration program is designed to reduce air pollution, traffic congestion, and promote energy independence. As part of the program, Ford Motor Co. will lease its new TH!NK city electric vehicles to commuters for \$199 per month. Charging stations will be located at commuter train station lots. Participants will also have the option to install charger equipment at their homes. (Source: *CALSTART News Notes*, October 17, 2001; *NYPA Press Release*, October 17, 2001)

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CHICAGO REGION

No news of interest to FEMP.

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DENVER REGION

No news of interest to FEMP.

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PHILADELPHIA REGION

No news of interest to FEMP.

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SEATTLE REGION

Last month the California South Coast Air Quality Management District approved \$28.17 million to fund clean-fueled vehicles. The money will go toward the purchase of more than 1,200 clean-fueled and lower-emission heavy-duty vehicles, fueling stations, and other equipment in Southern California. (Source: *South Coast Air Quality District Press Release*, September 21, 2001)

The Los Angeles Department of Water and Power (LADWP) announced that its 170-electric-vehicle fleet has traveled a million miles. LADWP’s electric vehicle program also provides customers with in-home chargers and incentives to charge their vehicles during off-peak hours, and the utility partners with other organizations to install public charging facilities. (Source: *LADWP Press Release*, October 5, 2001)

New Products and Services

Ballard Power Systems Inc. and XCELLSIS Fuel Cell Engines Inc. announced the successful completion of their fuel cell bus demonstration program with SunLine Transit Agency of Thousand Palms, California. The hydrogen-fueled, zero emission bus, known as the ZEBus, underwent a thirteen-month demonstration program and traveled over 14,900 miles. The California Fuel Cell Partnership has endorsed the ZEBus. The bus will remain in California, where it will undergo component testing and

system evaluation before taking part in the Michelin Challenge Bibendum held from October 26-29.
(Source: www.evworld.com)

According to an October 2nd Yosemite National Park press release, Yosemite Concession Services Corp. (YCS) has launched a 30-day test program to evaluate the use of biodiesel fuel in the bus fleet that serves visitors to Yosemite National Park. This program is part of YCS' GreenPath Program designed to promote environmentally friendly business practices. (Source: www.yosemitepark.com)

Earlier this month the Los Angeles Department of Water and Power (LADWP), the South Coast Air Quality Management District, and the U.S. Postal Service launched a new, 40-vehicle, electric delivery fleet at the Dockweiler post office in South Los Angeles. A total of 110 electric carrier route vehicles will serve the LADWP service area; Dockweiler is the first of five post offices in South Los Angeles to receive electric vehicles and charging units. The electric vehicle purchase was made possible through a public/private partnership in which a total of 500 electric vehicles, 480 to be sent to California and the remainder to Washington, DC, have been purchased for the U.S. Postal Service. (Source: *CALSTART News Notes*, October 18, 2001; *LADWP Press Release*, October 18, 2001)

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ENERGY MANAGEMENT TOOLS AND TECHNOLOGY

➤ See also [Attachment D](#), *New Technologies*.

SOFTWARE AND TECHNICAL ASSISTANCE TOOLS

General Electric Lighting has developed a new, online lighting auditor called "GELA." The program gathers data to reveal the money spent on energy, the amount that could be saved with energy-efficient products, and which products should be used. For more information, see www.GELighting.com.

Mindset Interaction is developing a CD for Southern California Edison to help small- and mid-sized power consumers conserve energy. The primary program is Mindset's MindTest, but the software will also include tips on rebates, conservation, and other important areas. For more information, contact Mindset's Paul Knopick at (949) 707-5365 or pknopick@eandecomcommunications.com.

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MEETINGS, CONFERENCES, AND TRAINING WORKSHOPS

➤ Refer to [Attachment E](#) – Calendar of Upcoming Events.

GENERAL ANNOUNCEMENTS

The organization National Technology Transfer is holding a seminar called Centrifugal Pumps in several locations. Dates and places are: November 1-2 in Denver; November 15-16 in Las Vegas; November 27-28 in New Orleans; November 29-30 in Mobile, AL; December 4-5 in Atlanta; December 6-7 in Birmingham, AL; December 18-29 in Ft. Lauderdale, FL; December 20-21 in Orlando, FL; January 10-11 in Charleston, SC; January 15-16 in Williamsburg, VA; and January 17-18 in Washington, DC. Topics include Hydraulic Theory, Systems, Installation, Maintenance, and Troubleshooting. To register, go to www.nttinc.com or call 800-922-2820.

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ATLANTA REGION

The Center for Business Intelligence is organizing a conference, **Fourth Business Case for Fuel Cells, for December 3-4 in Miami**. Highlights include Market Penetration for Solid Oxide Fuel Cells and A Case Study on the Texas Fuel Cell Partnership. For more information or to register, go to www.cbinet.com or call 800-817-8601.

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BOSTON REGION

The Center for Building Intelligence is sponsoring a conference, **Commercialization of Energy Technologies, on January 17-18, 2002, in New York City**. Topics include venture strategies and capital, distributed generation, micro turbines, fuel cells, digital power, energy management, and power quality. For more information or to register, go to www.cbinet.com or call 800-817-8601.

The Northeast Sustainable Energy Association is sponsoring a conference, **Building Energy 2002, at Tufts University in Medford, Massachusetts, on March 20-23, 2002**. The conference is designed to advance the policy transition and market development. For more information, contact Jonathan Tauer at (413) 774-6051 or go to www.nesea.org/buildings/be.

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CHICAGO REGION

No new events of interest to FEMP.

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DENVER REGION

DOE is sponsoring the Eighth National Clean Cities Conference and Exposition on May 12-15, 2002, in Oklahoma City. Topics include energy security, clean air, and alternative fuel vehicle technologies. For more information, contact Megan Maguire at (303) 275-4321 or megan_maguire@nrel.gov.

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PHILADELPHIA REGION

The American Council for an Energy Efficient Economy is sponsoring the **Sixth National Symposium on Market Transformation on March 25-26, 2002, in Washington, DC**. The target audience is policymakers; program planners, implementers and evaluators; and manufacturers and their industry partners. For more information, go to www.aceee.org or email mtsymposium@aceee.org.

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SEATTLE REGION

The South Coast Air Quality Management District is sponsoring **Clean Air Technologies 2001 on November 5-6 in Anaheim, California**. Topics will include fuel cells, heavy duty vehicles, critical issues, power generation, policy and planning, environmental justice, and stationary source controls. For more information, go to www.aqmdconferences.org.

The Electric Vehicle Association of the Americas is sponsoring a conference, Electric Transportation Industry 2001, on December 11-14 in Sacramento, California. Tracks include Cost and Technology, Policy and Marketing, Fuel and Infrastructure, Education and Demonstration, and a Workshop Series. For more information, go to www.evaa.org/evaa/ETI2001_jsfixed/index.htm.

The Renewable Fuels Association is sponsoring the Seventh Annual National Ethanol Conference in San Diego, California, on February 27-March 1, 2002. The focus will be on policy and marketing. For more information, call 800-567-6411 or go to www.ethanolRFA.org.

The American Council for an Energy Efficient Economy (ACEEE) is sponsoring a conference, Teaming for Efficiency, on August 18-23, 2002, in Pacific Grove, California. ACEEE has already announced a call for papers and registration. The general topic is "the technical basis for and practical implementation of improving energy use in buildings." For more information on registration or submitting an abstract, contact Rebecca Lunetta at rlunetta@erols.com or fax her at (302) 292-3965.

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INTERNATIONAL

AltEnergy 2001 will be held on November 8, in Edmonton, Alberta, Canada. This first annual conference and exhibition will include participants from the U.S. and Canada. Topics will include: biomass, fusion, tidal power, finance, geothermal, fuel cells, solar, information technology, and wind power. For more information, go to www.altenergy2001.org.

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STUDIES, REPORTS, AND ANALYSES

SOLAR AND RENEWABLE ENERGY

***Clean Energy Blueprint*, Union of Concerned Scientists, October 16, 2001**

The report describes how the United States could produce at least 20 percent of its electricity from wind, solar, geothermal, and other renewable energy sources by 2020 and urges the Federal Government to require electric utilities to increase their power output from renewable energy from the current two percent. The report also found that consumers could save \$105 billion annually if the government required better energy efficiency in appliances and building codes and said requiring more use of renewable energy sources would reduce the need for 975 power plants and retire 180 coal-polluting plants and 14 existing nuclear power plants. For more information, visit www.ucsusa.org. (Source: Reuters News Service, October 16, 2001)

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ALTERNATIVE FUELS AND VEHICLES

***Bringing Fuel Cell Vehicles to Market: Scenarios and Challenges with Fuel Alternatives*, California Fuel Cell Partnership, October 16, 2001.**

According to a study prepared for the California Fuel Cell Partnership, fuel cell vehicles can be commercially viable in California but only with a focused development effort and government assistance.

The report, one of the first detailed examinations of the hurdles faced by fuel cell technology, said “automakers, fuel providers, and government of all levels must cooperate to develop an adequate public demand for fuel cell vehicles.” The report also described some of the obstacles involved, including the lack of a fueling infrastructure and the lack of an adequate ethanol production capacity. (Source: Reuters News Service, October 16, 2001)

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UTILITY-RELATED ISSUES

Information Sharing – Practices That Can Benefit Critical Infrastructure Protection, General Accounting Office, October 2001

The purpose of the study was to examine how critical operations and infrastructures share information and coordinate activities among stakeholders in response to computer-based attacks. GAO contacted and examined the activities of 11 Federal and non-Federal organizations dealing with telecommunications, **power distribution**, financial services, national defense, and critical government operations. The study claims the following factors are critical to successful information sharing:

- Fostering relationships based on trust and respect
- Establishing mechanisms that result in effective, timely, and appropriately secure communications among members and with professional and administrative staff
- Obtaining top management support for sharing information
- Ensuring leadership continuity in the information sharing process
- Generating clearly identifiable membership benefits

For power distribution, GAO examined the activities of the North American Electric Reliability Council. The council shares information primarily through the use of databases accessible through secure web sites. The council also permits member organizations to establish committees designed to solve specific problems and support ongoing activities such as the setting of standards and critical infrastructure protection. The report is available from the GAO web site at www.gao.gov.

Effect of Environmental Regulations on the Electric Power Industry: U.S., E.U., Australia, and New Zealand, Fitch, October 9, 2001.

The report discusses the way Fitch evaluates environmental performance in its credit ratings, especially the impact of environmental regulations on a company’s cash flow. For more information, or to view a copy of the full report, go to www.fitchratings.com.

The Energy Competition Strategy Report, NHI Publications, October 2001.

The report exposes a new strategy by utilities that are interested in “gain[ing] a competitive edge in the restructuring energy market.” **The report proposed that a large boost in power plant construction was the defining element**, claiming that this construction will:

- improve fuel mix by investing in advanced generating technologies that use renewable resources;
- expand geographically, promoting more long-term power sales agreements and a more predictable income stream; and
- enhance credibility, which leads to easier project financing in the future.

(Source: *Business Wire*, October 10, 2001)

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ATTACHMENT A

STATUS OF FY 2002 APPROPRIATIONS BILLS

(In Billions)

HOUSE

SENATE

<i>Jurisdiction/ FY 2002 Budget Request</i>	<i>302(b) Allocations/ Approved Funding Level</i>	<i>Bill No.</i>	<i>Full Cmte.</i>	<i>Floor</i>	<i>Conf.</i>	<i>302(b) Allocations/ Approved Funding Level</i>	<i>Bill No.</i>	<i>Full Cmte.</i>	<i>Floor</i>	<i>Conf. Report Approved</i>
Agriculture \$ 15.409	\$15.519 \$15.669	<i>H.R.</i> 2330	June 13	July 13		\$16.092 \$16.4	<i>S.</i> 1191	July 17	Oct. 25	
Commerce \$ 37.944	\$38.541 \$38.5	<i>H.R.</i> 2500	July 13	July 19	<i>Week of</i> 10/15(?)	\$38.760 \$41.5	<i>S.</i> 1215	July 19	Sept. 13	
Defense \$300.962	\$300.292		Oct. 24			\$298.568				
Energy and Water Development \$ 22.517	\$23.704 \$23.7	<i>H.R.</i> 2311	June 25	June 28	<i>Week of</i> 10/15 (?)	\$ 25.129 \$ 25.4	<i>S.</i> 1171	July 12	July 19	
Interior *** \$ 18,092 <i>Pending President's Signature</i>	\$18.941 \$ 18.0	<i>H.R.</i> 2217	June 13	June 21	Oct. 17	\$ 18.527 \$ 18.6	<i>*H.R.</i> 2217	June 28	July 12	Oct. 10
Labor / HHS \$115.682	\$119.758 \$123.1	<i>H.R.</i> 3061	—	Oct. 9		\$119.000		Oct. 11		
Military Construction \$ 9.650	\$10.155 \$10.5	<i>H.R.</i> 2904	Sept. 12	Sept. 25	Oct. 17	\$ 9.649 \$10.5	<i>S.</i> 1460	Sept. 25	Sept. 26	Oct. 18
Transportation \$ 14.891	\$14.893 \$14.9	<i>H.R.</i> 2299	June 20	June 26	<i>Week of</i> 10/15(?)	\$ 15,579 \$ 15.579	<i>S.</i> 1178	July 12	August 1	
Treasury \$ 16.488	\$16.880 \$ 17.0	<i>H.R.</i> 2590	July 17	July 25		\$ 16.972 \$ 16.972	<i>S.</i> 1398	July 26	Sept. 4	
VA/HUD \$ 83.683	\$ 84.05	<i>H.R.</i> 2620	July 17	July 31	<i>Week of</i> 10/15 (?)	\$ 84.13	<i>S.</i> 1216	July 19	August 2	
Total 302(b) Allocations/ FY 2002 Budget Request \$658.792	\$661.300					\$661.300				

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ATTACHMENT B

NEW LEGISLATION OF INTEREST TO FEMP

HOUSE

No legislation of interest to FEMP.

SENATE

Number	Short title	Date	Sponsor	Status
S. 1575	No Short Title	Oct. 25, 2001	Pete Domenici (R/NM) <i>Committee on Appropriations, Energy and Water Development, Ranking Minority Member;</i> <i>Committee on the Budget, Ranking Minority Member;</i> <i>Committee on Energy and Natural Resources</i>	Reported jointly to the Committees on the Budget and Governmental Affairs pursuant to the order of August 4, 1977, with instructions that if one Committee reports, the other Committee has 30 days to report or be discharged.
	Key Provisions:	Provides an increase in new discretionary spending limits for FY 2002 from \$661 billion to \$681 billion to address security needs as a result of the September 11 terrorist attacks. (The <i>FY 2001 Emergency Supplemental</i> will also be increased for the same reason)		
S. 1579	Halloween Safety Act of 2001	Oct. 25, 2001	Michael B. Enzi, (R/WY)	Referred to the Committee on Commerce, Science, and Transportation
	Key Provisions:	Amends the <i>Uniform Time Act of 1996</i> to extend daylight savings time to the first week in November.		

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ATTACHMENT C

HEARINGS SCHEDULE

HOUSE – APPROPRIATIONS

Date/Committee	Bill	Time/Location
<i>Week of October 29</i> – Full Senate (NEW)	<i>Floor Debate - Conference Report 107-253 – Treasury, Postal Service, and General Government</i>	TBA
<i>Week of October 29</i> – Full Senate (NEW)	<i>Floor Debate - H.R. ____ - FY 2002 Defense Appropriations</i>	TBA

HOUSE – AUTHORIZATIONS/OVERSIGHT

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
<i>November 1</i> – Committee on Energy and Commerce (REVISED)	Billy Tauzin (R/LA)	Hearing – <i>MTBE</i>	TBA	1:00 p.m. Room 2322 Rayburn Office Building

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SENATE – APPROPRIATIONS

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
<i>Week of October 29</i> – Committee on Appropriations (NEW)	Robert Byrd (D/WV)	<i>Mark Up</i> – S. 1536 – FY 2002 Appropriations for Labor, Health and Human Services, and Education	N/A	TBA

SENATE – AUTHORIZATIONS/OVERSIGHT

Date/Committee	Chair	Hearing Title/Issues	Witnesses	Time/Location
<i>November 1</i> – Committee on Energy and Natural Resources (NEW)	Jeff Bingaman (D/NM)	<i>Hearing – Infrastructure Security Issues (includes utility infrastructure)</i>	TBA	2:00 p.m. Room 406 Dirksen Office Building

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ATTACHMENT D - NEW TECHNOLOGIES

For informational purposes only. Listing does not imply endorsement.

Technology	Manufacturer	Manufacturer's Claim	Contact
Power Sources			
Pulsar Espirit 1.4kVA Uninterruptible Power Supply	MGE Ups Systems	External battery modules back up two servers for ten hours, standard 120 VAC output, expandable battery options, internet monitoring	Electrical Contracting and Engineering News P.O. Box 12079 Naples, FL 34101-9968
Chillers			
Packaged terminal air conditioners	Friedrich Air Conditioning Company	"Features energy efficiencies up to 12.2 EER"	www.friedrich.com
TURBIDEK evaporative cooling system	Munters Corporation	Improved thermal efficiency with gas turbines	www.munters.com
Beacon II refrigeration system	Heatcraft Refrigeration Products	Remote access via modem; Smart Defrost system saves energy	www.heatcrafttrpd.com
Lighting			
NiteBrites Outdoor HID Lighting Economic Outdoor Series	Day-Brite Lighting	Low-wattage, outdoor metal halide lights	Electrical Contracting and Engineering News P.O. Box 12079 Naples, FL 34101-9968
Design AOPV-21 outdoor area fixture	Quality Lighting	Post-top mounted with "efficient symmetrical lighting distribution"	Electrical Contracting and Engineering News P.O. Box 12079 Naples, FL 34101-9968
Boccioli wall sconce	Basic Source	Low voltage (15W) xenon bi-pin lamps	www.basicsourcelighting.com
JUMBO Office Task Light	JOLT Lighting, Inc.	Low voltage (13W) CFL and "efficiency optical design"	www.lightsearch.com/ads/product/jolt.html

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ATTACHMENT E

MEETINGS, CONFERENCES, AND OTHER EVENTS

NOTE: New events are highlighted in **blue**.
DOE-sponsored events are highlighted in **red**.

ATLANTA REGION

DATE	EVENT	SPONSOR
November 6-9, 2001	Distributed Generation Conference and 18 th Annual Conference Miami, FL	National Association of Energy Service Companies
November 27-28, 2001	Fundamentals of Energy Management Orlando, FL	Association of Energy Engineers
November 28-29, 2001	Business Energy Solutions Conference & Expo Orlando, FL	Association of Energy Engineers
November 29-30, 2001	Centrifugal Pumps Mobile, AL	National Technology Transfer
December 3-4, 2001	Fourth Business Case for Fuel Cells Miami, FL	Center for Business Intelligence
December 18-19, 2001	Centrifugal Pumps Ft. Lauderdale, FL	National Technology Transfer
December 20-21, 2001	Centrifugal Pumps Orlando, FL	National Technology Transfer
January 10-11, 2002	Centrifugal Pumps Charleston, SC	National Technology Transfer

BOSTON REGION

DATE	EVENT	SPONSOR
January 17-18, 2002	Commercialization of Energy Technologies New York, NY	Center for Building Intelligence
March 20-23, 2002	Building Energy 2002 Medford, MA	Northeast Sustainable Energy Association

CHICAGO REGION

DATE	EVENT	SPONSOR
November 27, 2001	Illinois Wind Workshop Lisle, IL	Department of Energy
November 27-28, 2001	Life-Cycle Costing Chicago, IL	FEMP

DATE	EVENT	SPONSOR
March 19-21, 2002	Electric Power 2002 Conference & Exhibition St. Louis, MO	Electric Power 2002
May 9-11, 2001	National Conference on Building Commissioning Chicago, IL	Portland Energy Conservation, Inc.

DENVER REGION

DATE	EVENT	SPONSOR
October 30-31, 2001	UESC Projects Albuquerque, NM	FEMP
November 1-2, 2001	Centrifugal Pumps Denver, CO	National Technology Transfer
November 14-15, 2001	Super ESPCs Golden, CO	FEMP
November 27-28, 2001	Centrifugal Pumps New Orleans, LA	National Technology Transfer
December 3-7, 2001	Comprehensive Five-Day Training Program for Energy Managers New Orleans, LA	Association of Energy Engineers
December 5-7, 2001	4 th Annual Interactive Energy 2001 Conference	Interactive Energy 2001
May 12-15, 2002	Eighth National Clean Cities Conference and Exposition Oklahoma City, OK	Department of Energy

PHILADELPHIA REGION

Date	Event	Sponsor
November 1-2, 2001	Fundamentals of Energy Management Atlantic City, NJ	Association of Energy Engineers
November 7-9, 2001	FEMP Lights (Advanced) Washington, DC	FEMP
November 7, 2001	Maximizing Energy Efficiency and Environmental Benefits: Linking Energy Codes and Equipment Standards with Energy Efficiency Programs Plainsboro, NJ	Northeast Energy Efficiency Partnerships, Inc.
November 28, 2001	Energy Now! Arlington, VA	FEMP
January 15-16, 2002	Centrifugal Pumps Williamsburg, VA	National Technology Transfer

Date	Event	Sponsor
January 17-18, 2002	Centrifugal Pumps Washington, DC	National Technology Transfer
March 6-8, 2002	National Facilities Management and Technology Conference & Exposition Baltimore, MD	National Facilities Management and Technology Conference
March 25-27, 2002	Sixth National Symposium on Market Transformation Washington, DC	American Council for an Energy Efficient Economy
March 27-28, 2002	Globalcon Energy/Facilities Management & Exposition Philadelphia, PA	Association of Energy Engineers

SEATTLE REGION

DATE	EVENT	SPONSOR
October 29-30, 2001	Energy Efficiency and Reliability: Lessons Learned in 2001 Berkeley, CA	American Council for an Energy Efficiency Economy
November 1-2, 2001	Distributed Generation: Opportunities and Obstacles San Diego, CA	Department of Energy
November 5-6, 2001	Clean Air Technologies 2001 Anaheim, CA	South Coast Air Quality Management District
November 15-16, 2001	Centrifugal Pumps Las Vegas, NV	National Technology Transfer
November 29-30, 2001	Designing Low-Energy, Sustainable Buildings Irwindale, CA	FEMP
December 10-12, 2001	World of Water Las Vegas, NV	Water World and Industrial Water World
December 10-14, 2001	Comprehensive Five-Day Training Program for Energy Managers Honolulu, HI	Association of Energy Engineers
December 11-13	POWER-GEN Conference Las Vegas, NV	Power Engineering Magazine
December 11-14, 2001	Electric Transportation Industry 2001 Sacramento, CA	Electric Vehicle Association
January 28-29, 2002	Reducing Your Energy Costs Conference New Orleans, LA	Center for Business Intelligence
February 27-March 1, 2002	Seventh Annual National Ethanol Conference San Diego, CA	Renewable Fuels Association
June 2-5, 2002	Energy 2002 Palm Springs, CA	FEMP

DATE	EVENT	SPONSOR
June 6-7, 2002	West Coast Energy Management Congress Anaheim, CA	Association of Energy Engineers
June 15-20, 2002	Solar 2002 Reno, NV	American Solar Energy Society
August 18-23, 2002	Teaming for Efficiency Pacific Grove, CA	American Council for an Energy Efficient Economy

INTERNATIONAL

DATE	EVENT	SPONSOR
November 8, 2001	AltEnergy 2001 Edmonton, Canada	AltEnergy 2001
December 7-8, 2001	MTEE-21: International Symposium on the Management and Technology of Energy and the Environment Vancouver, Canada	MTEE-21
March 13-15, 2002	GLOBE 2002 – Seventh International Conference and Trade Fair on the Business of the Environment Vancouver, Canada	GLOBE Foundation of Canada

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